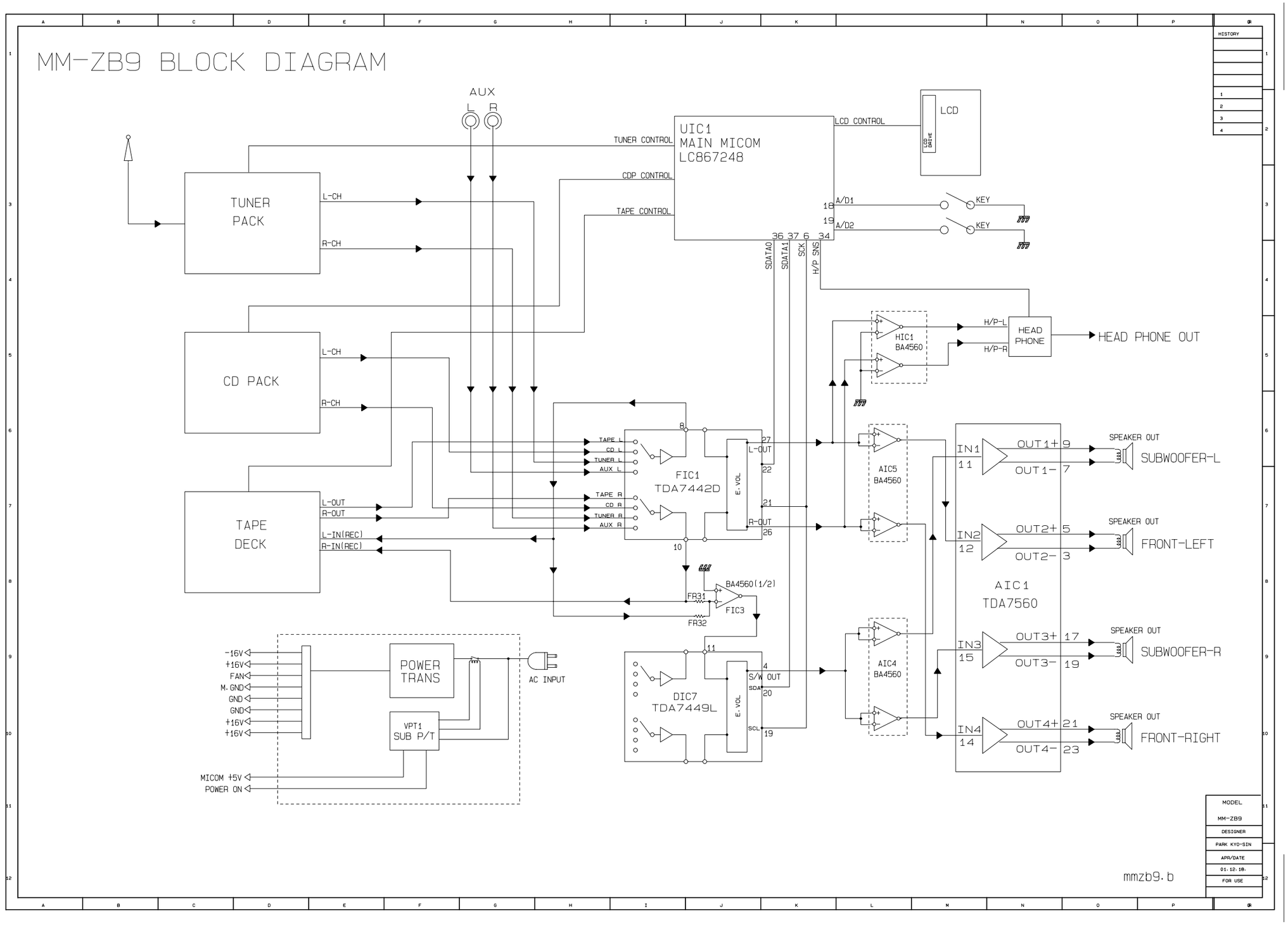
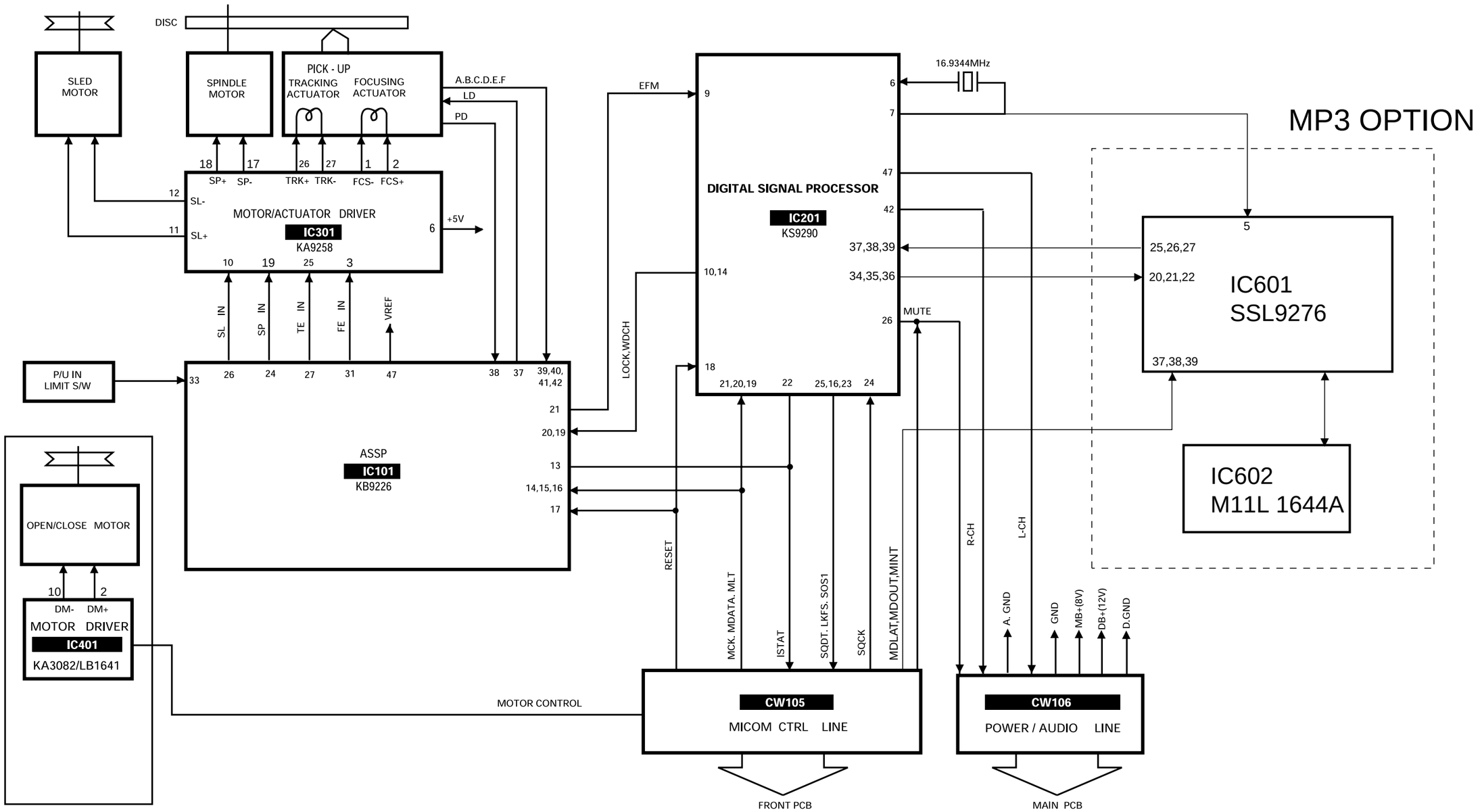
4. Block Diagram

4-1 Main




DISC
SLED MOTOR
SPINDLE MOTOR
PICK - UP
TRACKING ACTUATOR
FOCUSING ACTUATOR
A.B.C.D.E.F
LD
PD
18 17 26 27 1 2
SP+ SP- TRK+ TRK- FCS- FCS+
12 SL-
11 SL+
MOTOR/ACTUATOR DRIVER
IC301
KA9258
6 +5V
10 19 25 3
SL IN
SP IN
TE IN
FE IN
VREF
P/U IN LIMIT S/W
33 26 24 27 31 47 38 37 39,40, 41,42
21
20,19
13
14,15,16
17
ASSP
IC101
KB9226
EFM
LOCK,WDCH
RESET
MCK. MDATA. MLT
ISTAT
SQDT. LKFS. SOS1
SQCK
MDLAT,MDOUT,MINT
9
10,14
18
21,20,19
22
25,16,23
24
DIGITAL SIGNAL PROCESSOR
IC201
KS9290
6
7
16.9344MHz
47
42
37,38,39
34,35,36
26
MUTE
R-CH
L-CH
A. GND
GND
MB+(8V)
DB+(12V)
D.GND
MP3 OPTION
5
25,26,27
20,21,22
IC601
SSL9276
37,38,39
IC602
M11L 1644A
OPEN/CLOSE MOTOR
10 2
DM- DM+
MOTOR DRIVER
IC401
KA3082/LB1641
MOTOR CONTROL
CW105
MICOM CTRL LINE
FRONT PCB
CW106
POWER / AUDIO LINE
MAIN PCB